

After every patient

When starting, the dental unit is in entry/exit position.

Clean surfaces

Wipe with disinfectant Dürer FD 333/FD 322 or similar:

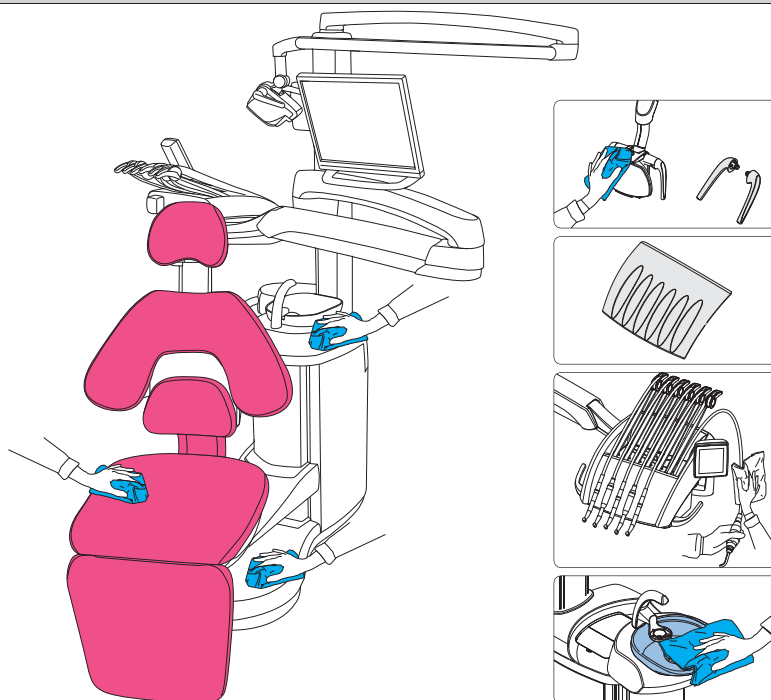
- headrest
- armrests
- handle of operating light (or change, autoclave or clean in thermoisinfectant)
- hygienic membrane (or change, autoclave or clean in thermoisinfectant)
- instrument hoses (no autoclaving!)
- instruments; see instrument instructions
- cuspidor, instrument console and arm surfaces
- GUI
- tray tables and mouse tray
- assistant element.

DO NOT USE SPRAY DISINFECTANT!

Wipe the upholstery with a mild soap and water solution.

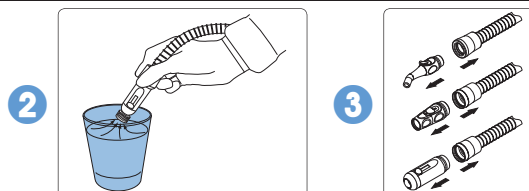
Clean the bowl:

- Clean the bowl using a soft brush.
- Rinse the bowl by touching the Bowl rinse button.
- The outside of the bowl can be wiped clean or disinfected with a cloth.



Clean suction system

- 1 Remove used aspirating tips.
- 2 Rinse the suction tubes by aspirating one glass of water with each suction tube.
- 3 Clean the suction handpieces and wipe them with Dürer FD 333/FD 322, or autoclave them.

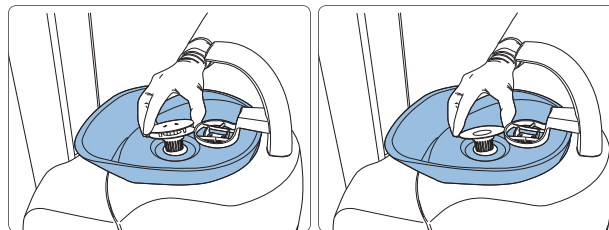


Clean filters

Empty and clean the bowl filter.

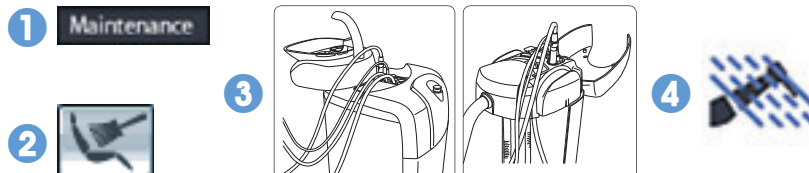
The bowl filter can also be used without the cover cap.

Note! Do not empty the bowl filter to the drain.



Flush instrument waterlines

- 1 Select the maintenance mode from GUI.
- 2 Drive the unit to the *cleaning position*.
- 3 Insert the instrument hoses into the flushing holders.
- 4 Perform instrument flushing.
- 5 Drive the unit to the *entry/exit position*.



Or

The instrument waterlines can be flushed even when the instruments are in the console.

- 1 Select the maintenance mode from GUI.
- 2 Perform instrument flushing.



Treating patient

When starting, the dental unit is in entry/exit position.

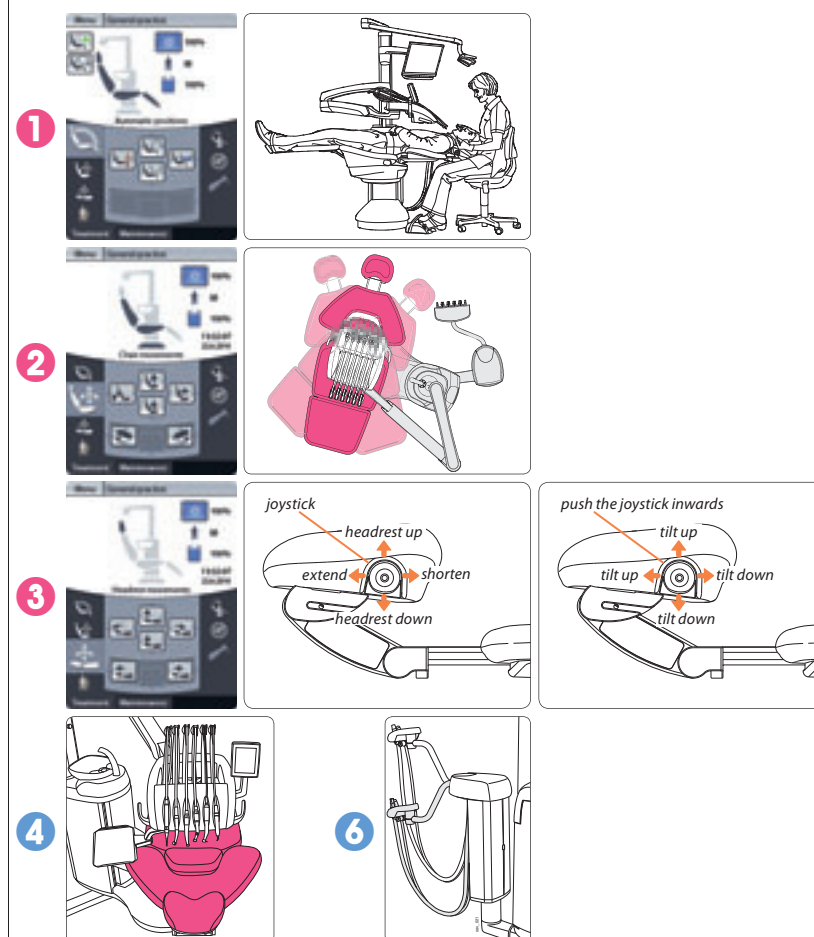
Prepare dental unit for patients

- 1 When the patient enters, select patient size S, M, L or XL according to the patient's height.
- 2 Adjust the position of the headrest.
These adjustments are automatically stored in the dental unit memory until the next time you select the patient size. Making the adjustments will improve the ergonomics of your working position.
- 3 Drive the unit to the **consultation position**.



Fine adjust working position

- These adjustments only apply to the current treatment situation and are not stored into the dental unit memory.*
- 1 Select the suitable **automatic position** (e.g. mandibular position).
If the movements into automatic positions do not suit the patient, use manual movements instead.
 - 2 Fine adjust the chair swivel.
 - 3 Check the headrest position and make fine adjustments according to the treatment ergonomics.
 - 4 Position the instrument console and tray table.
 - 5 Position the operating light according to mandibular / maxillary positions.
 - 6 Position the assistant element.



Treating patient

Use instruments

- 1 Prepare the correct handpieces and burs/tips.
- 2 Select the correct presets / power modes.
A preset is a set of predefined Instrument settings designed for a specific treatment situation.
- 3 Use the pedal for operating the instruments.
- 4 Change the preset according to the workflow.
For example, in endodontic treatments you can progressively change to the next preset as you go deeper into the root canal.
- 5 Fine adjust the specific instrument settings:
 - Toggle spray (disabling spray) for upper/lower jaw
 - Enable / disable automatic chip blow
 - Enable / disable reverse rotation
 - Edit rpm and torque
 - Limit instrument speed

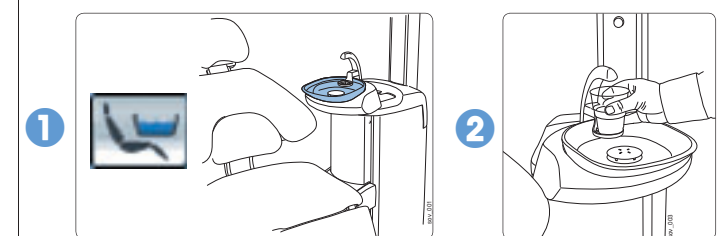
These adjustments are temporary and do not change the instrument preset, unless intentionally saved. The adjustments are discarded when you change to another preset.

Red colour and asterisk indicates that temporary adjustments to a preset have been made.



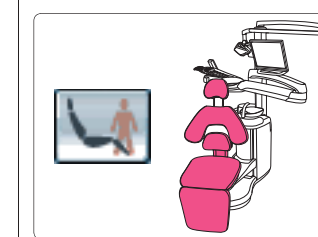
Enable mouth rinsing

- 1 Drive the patient to the **rinsing position**.
- 2 Put a cup in the cup holder. The cup is filled automatically and then the bowl rinsing is activated.
- 3 If more water for the cup or bowl rinsing is needed, put the emptied cup back to the cup holder **OR** manually fill the cup or rinse the bowl.



Finish treatment

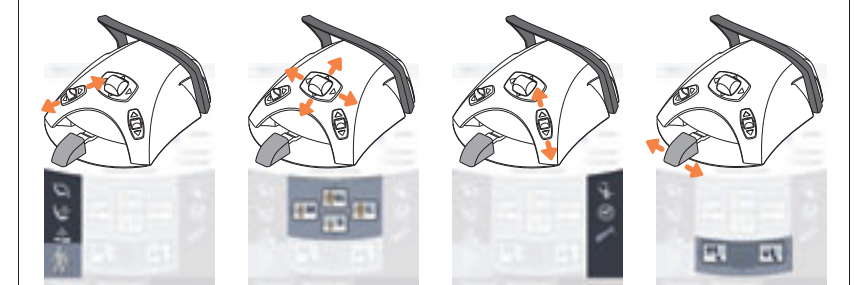
Drive the unit to the **entry/exit position**.



GUI or foot control

The graphical user interface (GUI) and the foot control feature an identical logic.

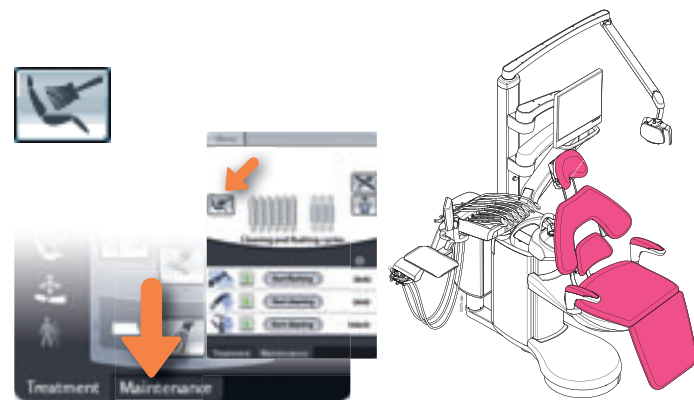
- 1 Those functions that can be performed with both the GUI and the foot control are numbered in red.



After working day

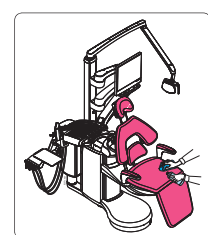
Start cleaning procedure

Drive the unit to the [cleaning position](#).



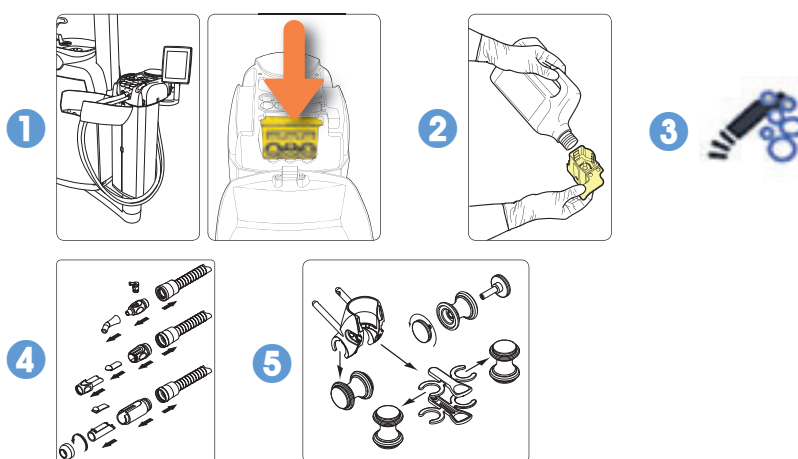
Clean surfaces

Disinfect the upholstery with *Dürr FD 312*.



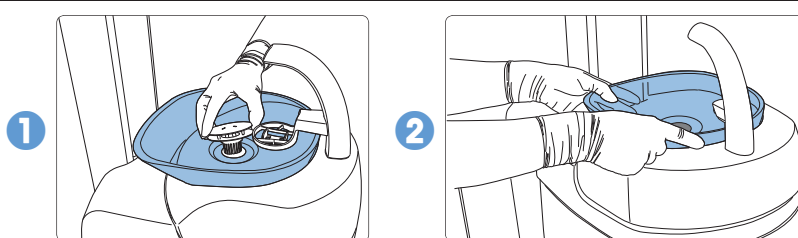
Clean suction system

- 1 Insert the suction tubes into the suction tube cleaning holder. Make sure that the holder is pushed all the way to the bottom.
- 2 Pour *Orotol Plus* into the dosing cubic. Place the cubic back into the holder.
- 3 Perform suction tube cleaning.
- 4 Autoclave the suction handpieces.
- 5 Wash or disinfect the suction tube holders with *Dürr FD 312*.



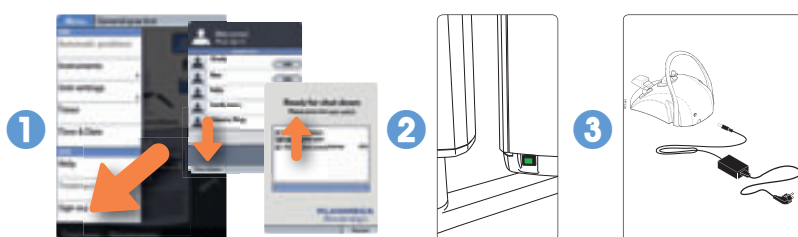
Clean filters

- 1 Empty, clean and disinfect the bowl filter and replace when necessary.
The bowl filter can also be used without the cover cap.
Note! Do not empty the bowl filter to the drain.
- 2 Wipe clean or wash the bowl at max 65°C.



Shut down dental unit

- 1 Sign out.
- 2 Shut down the unit.
- 3 Put the cordless foot control to charging.
- 4 Switch off the water and air valves.

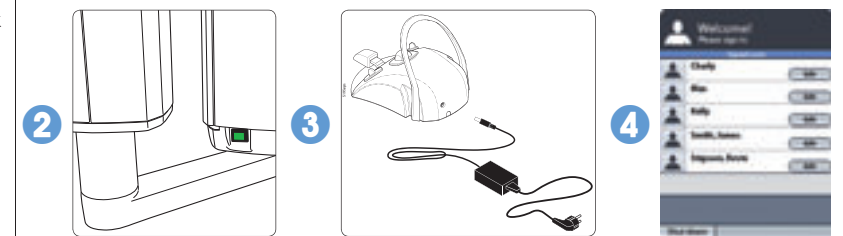


In the morning

When starting, the dental unit is in [cleaning position](#).

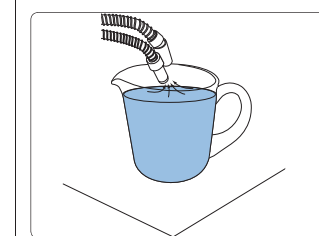
Wake up dental unit

- 1 Open the clinic's main water and air valves and check the electricity.
- 2 Switch on the unit.
- 3 Take the cordless foot control from charging.
- 4 Sign in with your user name.



Clean suction system

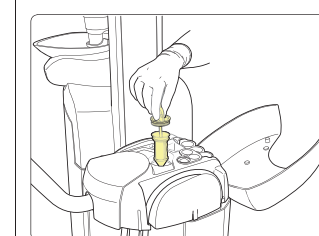
Rinse the suction tubes by aspirating 0.5 l of water with each suction tube.



Clean filters

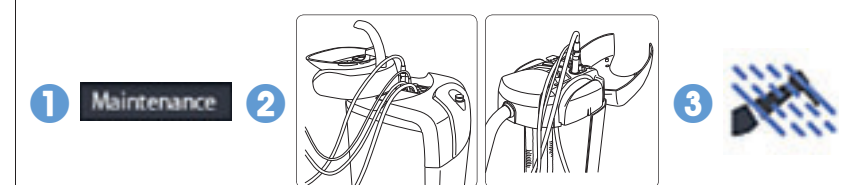
Empty the coarse filter.

Note! Do not empty the coarse filter to the drain.



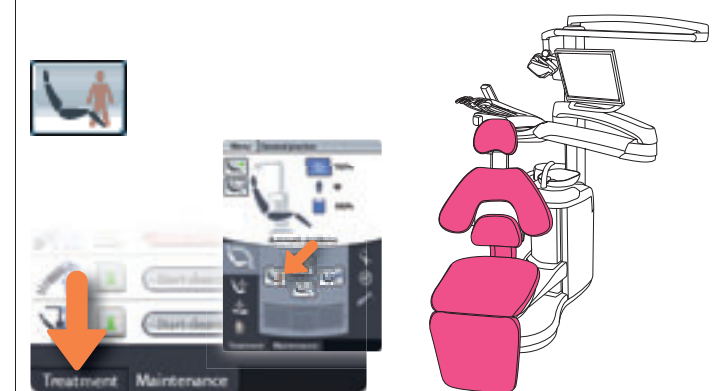
Flush instrument waterlines

- 1 Select the maintenance mode from GUI.
- 2 Insert the instrument hoses into the flushing holders.
- 3 Perform instrument flushing.



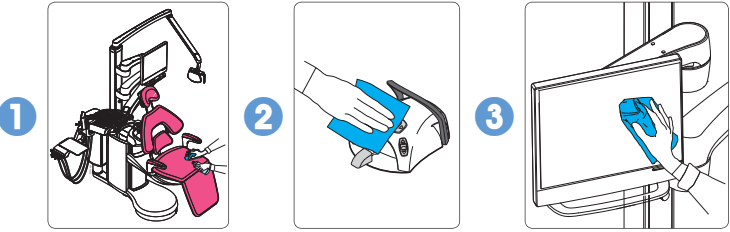
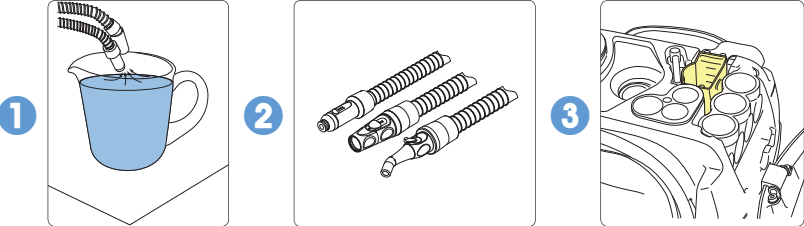
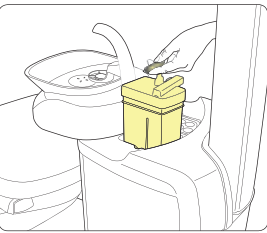
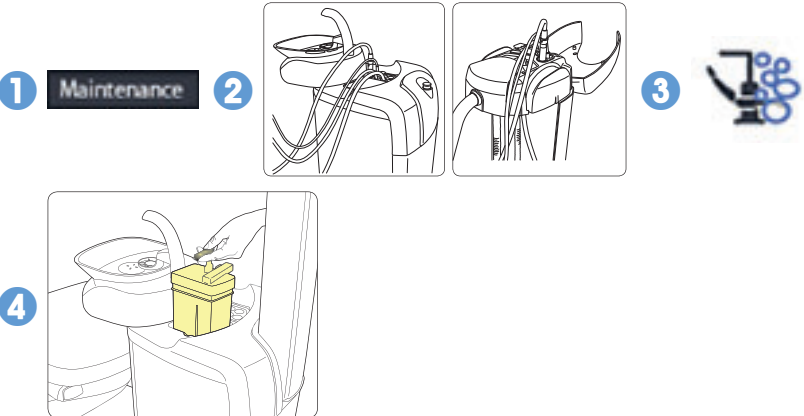
Finish morning procedure

Drive the unit to the [entry/exit position](#).

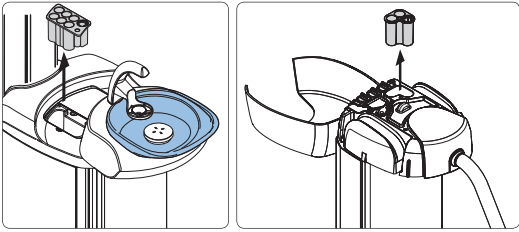
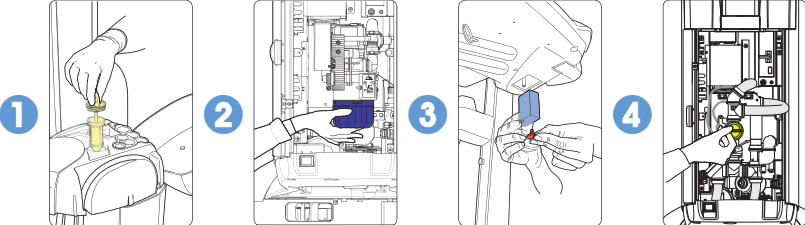


Weekly

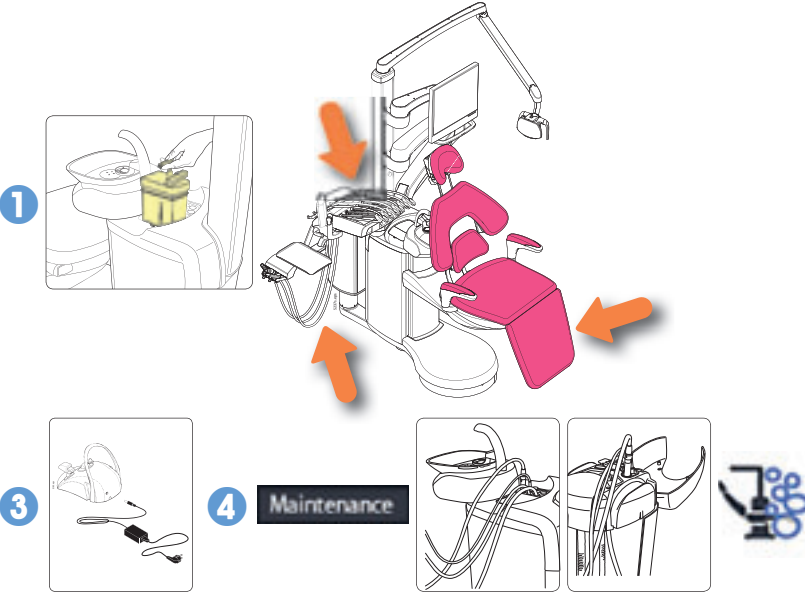
In these procedures, the dental unit is in cleaning position.

| | |
|---|--|
| Clean surfaces | |
| <p>1 Clean and treat the upholstery with <i>Dürr FD 360</i>. Clean the upholstery also under the protective legrest cover.</p> <p>2 Clean the foot control.</p> <p>3 Wipe the monitor screen with a dry and soft lint-free cloth. Clean the backside of the monitor with a mild soap and water solution.</p> |  |
| Clean suction system | |
| <p>1 Rinse the suction tubes by aspirating 0.5 l of water with each suction tube.</p> <p>2 Wipe the suction handpieces with <i>Dürr FD 333/FD 322</i>.</p> <p>3 Fill the dosing cubic with <i>Orotol Plus</i>. During the day, <i>Orotol Plus</i> slowly runs through the suction rinsing line and cleans it.</p> |  |
| Clean dental unit waterlines | |
| Thermodisinfect the water container at 93°C. | |
|  | |
| <p>1 Select the maintenance mode from GUI.</p> <p>2 Insert the instrument hoses into the flushing holders.</p> <p>3 Start the dental unit waterline cleaning (DUWL) procedure from GUI.</p> <p>4 Fill the container with <i>Planmeca Planosil™</i>.</p> <p>5 After the DUWL procedure, run water through all water consuming instruments and the cup fill line.</p> |  |



Monthly

| | |
|--|---|
| Clean surfaces | |
| Clean the instrument flushing holders in a thermodisinfectant or autoclave them. |  |
| Clean filters | |
| <p>1 Replace the coarse filters.</p> <p>2 Check the amalgam collector. Replace it when 95% full.</p> <p>3 Empty the oil collector cup and clean it.</p> <p>4 Clean or replace the VS/A filter.</p> |  |

Before and after longer breaks

| | |
|--|---|
| <p>1 Remove the following from the dental unit for the duration of the break:</p> <ul style="list-style-type: none">• water container• instrument hoses• suction tubes• legrest cover <p>2 Empty the waterlines for the duration of the break.</p> <p>3 Charge the foot control before the break and leave the foot control without charging for the duration of the break.</p> <p>4 Perform the dental unit waterline cleaning (DUWL) procedure three times after the break, before using the dental unit.</p> |  |
|--|---|

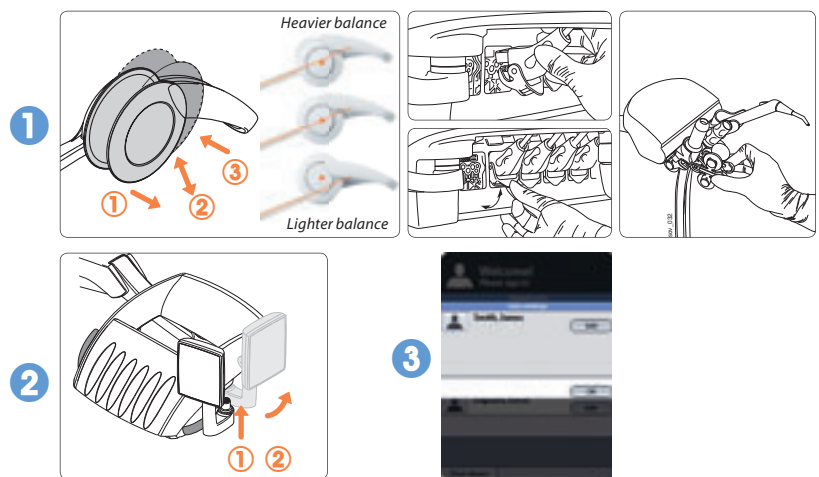
Safety messages

| | |
|---|---|
| In error situations, safety messages are displayed on the GUI. They contain an ID, a message, a description and a solution. Follow the instructions on the display to recover from the error situation. When the error situation is resolved, the safety message closes automatically OR it can be closed by touching the OK button or by pressing down the foot control pedal. | |
| The Close button closes the safety message without correcting the error. |  |
| The warning triangle in the Treatment window opens the safety message. |  |

Before first use

Console modification

- 1 Place the instruments and suction tubes in the console according to your preferences. Adjust the balance of the instrument arms according to the weight of the instrument. The suction tubes can be used with or without the roller cages.
- 2 Attach the GUI on either side of the instrument console and/or the assistant element.
- 3 Create your own user name and use that user name to sign in to the dental unit.



Create presets for instruments

- 1 Create the instrument presets
 - Pick up the instrument.
 - Edit and rename the existing factory installed instrument presets.
- 2 Select the water source for instruments
 - City water / bottled water
 - Sterile water irrigation
 - Perio Fresh



Create treatment positions

- 1 Create your own personal automatic positions:
 - Select which automatic position to create. Drive the chair to that position by touching one of the automatic position buttons.
 - Adjust chair height, chair swivel angle, headrest angle and headrest length.
 - Save the new automatic position by touching the same automatic position button for 4 seconds.
- 2 Adjust the unit swivel:
 - Select right/left-handed mode by swiveling the cuspidor and the chair.
 - To enable special treatment situations, such as extractions from the left, and facilitate the use of laser, CAD/CAM cart, anaesthesiologist, wheel chair etc.

